BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JOSEPHIA. KOLASCH
JAMES'M. SLATTERY
MICH EL K. MUTTER
CHARLES GORENSTEIN
GERALDIM. MURPHY, JR.
LEONARD R. SVENSSON
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY JOE MCKINNEY MUNCY ROBERT J. KENNEY JOHN W. BAILEY MARK J. NUELL, PH.D. JAMES T. ELLER, JR. D. RICHARD ANDERSON THOMAS M. SMALL* ROBERT A. SELDON* JOHN A. SCILLIERI* SANFORD ASTOR*

OF COUNSEL: HERBERT M. BIRCH (1905-1996) BERNARD L. SWEENEY* BERNARD L. SWEENEY*
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
PHILIP K. YU*

*ADMITTED TO A BAR OTHER THAN VA.

8110 GATEHOUSE ROAD SUITE 500 EAST

FALLS CHURCH, VA 22042-1210 USA

INTELLECTUAL PROPERTY LAW

(703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICES: COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA

SCOTT L. LOWE PAUL C. LEWIS RICHARD J. GALLAGHER MARYANNE ARMSTRONG, PH.D. KECIA J. REYNOLDS KECIA J. REYNOLDS
KALPANA REDDY
MARK E. OLDS
ESTHER H. CHONG
CATHERINE M. VOISINET*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER*
JOHN P. KEADY, PH.D.
MARTIN R. GEISSLER*
J. ALISON GRABELL*
T. BENJAMIN SCHROEDER, PH.D.
PERCY I. SOLIAFE PERCY L. SQUARE CLINT A. GERDINE CRAIG A. MCROBBIE

REG. PATENT AGENTS: OF FREDERICK R. HANDREN OF MAKI HATSUMI MAKI HATSUMI
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.O.
MATTHEW T. SHANLEY
SUSAN W. GORMAN, PH.D.O.
ROBERT W. DOWNS
CHAD J. BILLINGS
CHRISTINE V. CASTILLO
CARL T. THOMSEN CARL T. THOMSEN SAM BHATTACHARYA

Date: October 22, 2003

Docket No.: 1215-0495P(000402-078)

MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

13

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Nathan BLUZER

For: ULTRA SENSITIVE SILICON SENSOR MILLIMETER WAVE PASSIVE

IMAGER

Enclosed are:

 \boxtimes A specification consisting of fifty-nine (59) pages

Six (6) sheet(s) formal drawings \boxtimes

 \boxtimes An assignment of the invention

Applicant claims small entity status under 37 C.F.R. § 1.27

Applicant does not claim priority

	Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). filed in on . Certified copy(ies) is(are) attached hereto. Certified copy(ies) will follow.											
\boxtimes	Executed Declaration (Original Photocopy)											
	Application Data Sheet in accordance with 37 C.F.R. § 1.76											
	Preliminary Amendment											
\boxtimes	Information Disclosure Statement, PTO-1449 and reference(s)											
	Other:											
	Applicant requests early publication - \$300.00 publication fee											
	Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)											

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY			
	BASIC	FEE	\$770.00	\$385.00			
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE			
TOTAL CLAIMS	22- 20 =	2	X 18 = \$36.00	x 9 = \$0.00			
INDEPENDENT CLAIMS			x 86 = \$0.00	x 43 = \$0.00			
-	LE DEPENDEN PRESENTED	T	+ \$290.00 + \$145.00				
		TOTAL	\$806.00	\$0.00			

\boxtimes	A check in	n the a	mount of	\$846.00	to cover	the	filing	fee	and
	recording	fee (i	f applic	able) is	enclosed.				

Please	cha	rge	Deposit	Accou	nt N	ο.	02-2	448	in	the	amount	of
\$0.00.	A	tri	plicate	сору	of	th	is t	tran	smi	ttal	form	is
enclose	ed.											

□ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Milliam L. Gates, Reg. No. 20,848

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

WLG/mpe 1215-0495P(000402-078)

Attachment(s)

(Rev. 09/30/03)